JCO6 Rec'd PCT/PTO 19 SEP 2005

PTO-1390 (Rev. 07-2005)
Approved for use through 3/31/2007. OMB 0851-0021
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) | | | ATTORNEY'S DOCKET NUMBER 0110-058 | | | | |
|--|---|--|--|--|--|--|--|
| (**) | ICERNING A SUBMISSIO | LES APPLICATION NO. (15 knewn, see 37 CFR 1.5) | | | | | |
| INTERNA P | TIONAL APPLICATION NO. CT/EP2004/002654 | INTERNATIONAL FILING DATE March 15, 2004 | PRIORITY DATE CLAIMED April 1, 2003 | | | | |
| TITLE OF INVENTION PASSIVE MIXER | | | | | | | |
| APPLICAL Henrik | APPLICANT(S), FOR DO/EO/US Henrik SJOLAND and Fredrik TILLMAN | | | | | | |
| Applican | t herewith submits to the United Sta | ites Designated/Elected Office (DO/EC | D/US) the following items and other information: | | | | |
| 1. 🛚 | This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. | | | | | | |
| 2. | This is a SECOND or SUBSEQUENT se | ubmission of items concerning a submission | n under 35 U.S.C. 371. | | | | |
| 3. | This is an express request to begin nation (5), (6), (9) and (21) indicated below. | onal examination procedures (35 U.S.C. 37 | 1(f)). The submission must include items | | | | |
| 4. 🔲 | The US has been elected (Article 31). | | | | | | |
| 5. X | A copy of the International Application | as filed (35 U.S.C. 371(c)(2)) | | | | | |
| | a. X is attached hereto (required | only if not communicated by the Internation | nal Bureau). | | | | |
| | b. has been communicated by the International Bureau. | | | | | | |
| | c. is not required, as the applic | ation was filed in the United States Receiving | ing Office (RO/US). | | | | |
| 6. 📙 | An English language translation of the | International Application as filed (35 U.S.C | C. 371(c)(2)). | | | | |
| | a. Is attached hereto. | | | | | | |
| | b. has been previously submitted under 35 U.S.C. 154(d)(4). | | | | | | |
| 7. | Amendments to the claims of the Inter | mational Application under PCT Article 19 (| 35 U.S.C. 371(c)(3)) | | | | |
| | a. are attached hereto (required only if not communicated by the international Bureau). | | | | | | |
| | b. have been communicated by the International Bureau. | | | | | | |
| | c. have not been made; however, the time limit for making such amendments has NOT expired. | | | | | | |
| | d. have not been made and will not be made. | | | | | | |
| 8. | An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). | | | | | | |
| 9. | An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). | | | | | | |
| 10. | An English language translation of the Article 36 (35 U.S.C. 371(c)(5)). | annexes of the International Preliminary E | xamination Report under PCT | | | | |
| Items 11 to 20 below concern document(s) or information included: | | | | | | | |
| 11. 🔲 | An Information Disclosure Statement | under 37 CFR 1.97 and 1.98. | | | | | |
| 12. 🔲 | An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. | | | | | | |
| 13. 🛚 | A preliminary amendment. | | | | | | |
| 14. 🔲 | An Application Data Sheet under 37 CFR 1.76. | | | | | | |
| 15. | A substitute specification. | | | | | | |
| 16. 🔲 | A power of attorney and/or change of address letter. | | | | | | |
| 17. 🔲 | A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825. | | | | | | |
| 18. | A second copy of the published International Application under 35 U.S.C. 154(d)(4). | | | | | | |
| 19. | A second copy of the English language | e translation of the international application | under 35 U.S.C. 154(d)(4). | | | | |

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. Page 1 of 3

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| U.S. APPLICATION NO. (if known, see 37 CFR 1.5) | | PCT/EP2004 | | ATTORNEY'S DOCK 0110-0 | | | | |
|---|--|------------|-------------------------------------|---------------------------|----|----------------------|--------------|--|
| 20. Other items or information: | | | | | | | | |
| Internation | | | | | | | | |
| | | | | | | | | |
| The following fees have been submitted | | | | | | ALCULATIONS | PTO USE ONLY | |
| 21. X Basic national fee (37 CFR 1.492(a)) | | | | | \$ | 300 | | |
| | on fee (37 CFR 1.492(c) | | 000 | | | | | |
| by IPEA/US inc | repared by ISA/US or the dicates all claims satisfy | \$ | 200 | | | | | |
| 23. Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)\$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the International application to the USPTO as an international Searching Authority | | | | | | 400 | | |
| TOTAL OF 21, 22 and 23 = | | | | | | 900 | | |
| Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. | | | | | | | | |
| Total Sheets Extra | | | nal 50 or fraction whole number) | RATE | | | | |
| - 100 = | - 100 = /50 = x \$250 | | x \$250 | \$ | 0 | | | |
| Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)). | | | | | | | | |
| CLAIMS | NUMBER FILED | NU | IMBER EXTRA | RATE | \$ | | | |
| Total claims | 14 - 2 | 0 = | 0 | x \$50 | \$ | 0 | | |
| independent daims | | 3 = | 0 | x \$200 + \$360 | \$ | 0 | | |
| MULTIPLE DEPENDE | NT CLAIM(S) (if applica | \$ | | | | | | |
| TOTAL OF ABOVE CALCULATIONS = | | | | | | 900 | | |
| Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2. | | | | | | | | |
| SUBTOTAL = | | | | | | 900 | 1 | |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)). | | | | | | | | |
| TOTAL NATIONAL FEE = | | | | | | \$ 900 | | |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + | | | | | | | | |
| TOTAL FEES ENCLOSED = | | | | | | 900 | | |
| | | | | | | ount to be unded: | \$ | |
| | | | | | | ount to be irged | \$ | |

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| a. 🔲 | A check in the amount of \$ to cover the abo | C20 Rec'd PCT/PTO 19 SEP 2005 | | | | | |
|--|---|---|--|--|--|--|--|
| b <u>.</u> 🗆 | Please charge my Deposit Account No in the amount of \$\frac{3}{4}\$ A duplicate copy of this sheet is enclosed. | to cover the above fees. | | | | | |
| c. X | The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-2476 . A duplicate copy of this sheet is enclosed. | | | | | | |
| d. X | Fees are to be charged to a credit card. WARNING: Information on this fee included on this form. Provide credit card information and authorization | orm may become public. Credit card information should not tion on PTO-2038. | | | | | |
| NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the international Application to pending status. | | | | | | | |
| SEND ALL CORRESPONDENCE TO: Potomac Patent Group PLLC Customer No. 000042015 307 Lafayette Boulevard Suite 301 Fredericksburg, VA 22401 703-718-8884 | | SIGNATURE Kenneth B. Leffler NAME 36,075 REGISTRATION NUMBER DATE | | | | | |